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Abstract

2 An endoprosthesis in the form of an elongated hollow
3 structure that can be implanted percutaneously with a
4 catheter in a blood vessel or other cavity of the body and
5 once correctly positioned will expand from an initial state
6 with a narrow lumen into a state with a lumen that is as wide
7 as its placement will allow. It has a lining of a wrapping
8 material that deforms plastically without fissuring as it
9 expands from the state with the narrow lumen to the state
10 with the wide lumen. Another embodiment is a stent with a
11 wrinkled lining that smoothes out as the stent expands. The
12 lining is impregnated with at least one medication that will
13 gradually and preferably at a uniform rate be released to the
14 patient once the prosthesis is in place.

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